

## AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1

22

2. AMENDMENT/MODIFICATION NO.

293

3. EFFECTIVE DATE

April 1, 2005

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

OPOS

7. ADMINISTERED BY (If other than Item 6)

CODE

John F. Kennedy Space Center, NASA  
Procurement Office  
Kennedy Space Center, FL 32899

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

Space Gateway Support  
2411 Dulles Corner Park, Suite 500  
Herndon, VA 20171-3430

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NAS10-99001

10B. DATED (SEE ITEM 13)

August 21, 1998

CODE

FACILITY CODE

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Contracting Officer for current Accounting &amp; Appropriation Data

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
FAR 52.243-2, CHANGES - COST REIMBURSEMENT (AUG 1987); FAR 52.219-9 SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (AUG 1998) - ALTERNATE II (MAR 1996)

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [ X ] is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate the following no-cost changes:

- 1) Revise Article H-14 and Section J, Attachment J-11:
  - Small Business, Small Disadvantaged and Women-owned Small Business Subcontracting Plan (4/1/05-9/30/05).
- 2) Revise Section J, Attachment J-1:
  - WBS 2.2.2.1 Roads and Grounds, Lines of Sight (LOS) which revises Section J-5, Technical Exhibit 5.5-827
  - WBS 3.1.2.4, Law Enforcement, Modify Make-up of the Special Deputy Advisory Selection Group (ASG)
- 3) Revise Section J, Attachment J-2:
  - Modify DRD 1.1-11, Report and Review, Replacement of Government Furnished Property, preparation instructions block 8.

Except as provided herein, all terms and conditions of the document referenced in Item 9a or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Victoria G. Lockard  
Director, Contracts

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Linda M. Adams  
Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (Rev. 10-83)

Prescribed by GSA, FAR (48 CFR) 53.245

**J-BOSC TECHNICAL EXHIBIT 5.5-827**

1. Road Right-of-Ways. All road right-of-ways are considered semi-improved "A" grounds except for areas designated as improved grounds. Mow to the tree line on all roads. Fertilize only the road right-of-way which extends 15 feet from the side of the pavement as necessary to maintain a lush appearance and to prevent erosion.
2. Ditches. All ditches are considered semi-improved "B" grounds. For canals (those having permanently standing water) the Contractor is responsible for maintaining access trails. For AF only all canal cleaning (with heavy equipment and herbiciding) shall be accomplished by type 3C work orders or a CCR.
3. Power Line Right-of-Ways. All power line right-of-ways are considered semi-improved "B" grounds. Overhead lines shall be maintained with a 30' right-of-way and underground lines will have a 15' right-of-way. The Florida Power and Light (FPL) main transmission line right-of-way is maintained by FPL.
4. Samuel C. Phillips Parkway. Samuel C. Phillips Parkway (from the main gate to the industrial area) is considered to be semi-improved "A" grounds. The exception being, the grass in these areas shall be maintained to a uniform height between 4 and 8 inches (height not to exceed 8" vs 15") and random debris shall be removed three times per week (including into the brushline).
5. Skid Strip Overruns and Distance Markers. The Skid Strip overruns and the Skid Strip distance markers are considered to be semi-improved "A" grounds. The exception being, the grass in these areas shall be maintained to a uniform height between 4 and 8 inches (height not to exceed 8" versus 15"). NOTE: Special attention must be given to the Skid Strip distance markers (lights) to ensure they remain fully visibility at all times.
6. Fire and Security Breaks. All Fire/Security breaks (some areas also serve as camera site lines), as shown in Technical Exhibit 5.5-826 and T.E 7.0-016, are to be maintained as semi-improved "B" grounds. Trees, bushes, and shrubs too large to be cut with mowers shall be brought to the attention of the government for action by 3C type work or a CCR.
7. Jogging Trail and PAR Course. The jogging trail and PAR course are to be maintained as improved grounds. In addition, the following specifications apply:
  - a) The jogging trail is considered improved grounds and where practical, grass shall cover the trail to a minimum width of 4-feet on each side of the center line with no soft spots. The PAR course is intended to be soft and the Contractor shall remove vegetation and roots.
  - b) Both the PAR course and the jogging trail shall be cut back to a width of four to six feet on each side of the trail Center line, and to a height of 10-feet. Both shall be inspected monthly for erosion, and divots that could affect running conditions. Repairs shall be made within 5 working days to prevent unsafe running conditions. In addition, all trail signs shall be inspected for legibility, color, condition, attachment, and sign posts shall be checked for vertical position and secure entrenchment. Report all defects to the government.

8. Fence Lines. A clear zone shall be maintained 30' each side of fence in improved and semi-improved "A" grounds. Mow grass to within twelve inches of fence lines, use weedeaters to fenceline.
9. AF Gravesites. Gravesites shall be maintained as semi-improved "A" grounds.
10. AF Softball Field. The softball field (industrial area) is considered improved grounds. It is sodded with Bermuda grass and shall be cut to a height between .5 and 1.5 inches using freshly sharpened mower blades. The Contractor shall maintain the clay areas to original condition.
11. Camera Roads. Grass growth adjacent to camera roads shall be maintained as semi-improved "B". The camera pads shall be mowed when required for use on test support.
12. "The contractor shall maintain existing "cleared" Lines of Sight (LOS), fence lines and utility corridors in conformance with Technical Exhibit 5.5-827. Contractor is expected to maintain approximately 250 acres of LOS and 450 acres of utility corridors under this contract. LOS includes Range, Public Affairs (VIP/press site views and navigational Aid Range Markers. The contractor shall also provide initial clearing of LOS, fence lines and utility corridors as Type 3C projects." **(Mod 293)**

**ARTICLE H-13      CONVERSION TO FIXED PRICE**

The government reserves the right to direct the contractor to enter into negotiations to convert all or part of the contract to a type of fixed price contractual arrangement.

**ARTICLE H-14      SMALL BUSINESS AND SMALL DISADVANTAGED  
SUBCONTRACTING PLAN**

Pursuant to the clause entitled “Small Business and Small Disadvantaged Business Contracting Plan,” the following approved contractor’s subcontracting plans is incorporated in Section J-11:

<u>Period Covered</u>	<u>Plan Date</u>
04/01/05 - 09/30/05	(Mod 293)

Revised subcontracting plans shall be submitted every six months to address the aggregate effect on the subcontracting plan. If changes exceed the current Master Buy Plan threshold they will be addressed separately. (Mod 251)

**ARTICLE H-15      GOVERNMENT FURNISHED SERVICES**

The government will furnish the following services to the contractor on a no-charge-for-use basis to the extent reasonably necessary for the contractor to fulfill its contractual obligations:

- A. Electrical Service.
- B. Water & sewage.
- C. Telephone communication services.
- D. Natural Gas.
- E. Maintenance for items listed in Technical Exhibit 7.0-008, USAF Communication Support Equipment.
- F. Calibration for AF GFE, until exercise of Option 3AA, 3AB, 3AC or 3AD, or 3BA, 3BB or 3BC. (Mod 135)
- G. Base reference standards for AF GFE, upon exercise of Option 3AA, 3AB, 3AC or 3AD, or 3BA, 3BB or 3BC. (Mod 135)
- H. Office Copier Services.
- I. Maintenance of NASA provided radios, voice, video, and data communications (Mod 112)

**NAS10-99001**

**JOINT BASE OPERATIONS AND SUPPORT**

**CONTRACT**

**ATTACHMENT J-11**

**SUBCONTRACTING PLAN**

**Small Business, Small Disadvantaged and Women-Owned Small  
Business Subcontracting Plan (4/1/05 – 9/30/05)**

Contractor: Space Gateway Support (SGS)  
Address: P. O. Box 21237, SGS 310  
Kennedy Space Center, FL 32815-0237

Contract No.: NAS10-99001

Item/Service: JOINT BASE OPERATIONS SUPPORT CONTRACT (JBOSC)

SGS shall, to the maximum extent practicable and consistent with the efficient performance of our contract, provide opportunities for small, small disadvantaged and women-owned small businesses.

The following is hereby submitted as SGS's Subcontracting Plan to satisfy the applicable requirements of Contract Number NAS10-99001, for **Contract Period April 1, 2005 through September 30, 2005.**

- 1) The total estimated dollar value of this contract period is **\$160M.**
- 2) The total estimated dollar value of all planned subcontracting (to all types of business concerns, both small and large businesses) under this contract is **\$78.75M.**
- 3) The following goals first expressed in terms of a percentage of total planned subcontracting dollars, and second expressed in terms of a percentage of TOTAL CONTRACT VALUE, are applicable to the contract cited above.
  - a) Small Business Concerns: **73.1%** of total planned subcontracting dollars under this contract will go to subcontractors who are small business concerns. This equates to **36%** of the Total Contract Value.
  - b) Small Disadvantaged Business concerns: **37.6%** of total planned subcontracting dollars will go to subcontractors who are small business concerns, owned and controlled by socially and economically disadvantaged individuals. This equates to **18.5%** of the total contract value. This percentage is included in the percentage shown under 3(a) above, as a subset.
  - c) Women-Owned Small Business concerns: **15.2%** of total planned subcontracting dollars under this contract will go to subcontractors who are owned and controlled by women. This equates to **7.5%** of the total contract value. This percentage is included in the percentage shown under 3(a) above, as a subset.
  - d) Veteran-Owned Small Business concerns: **0%** of total planned subcontracting dollars under this contract will go to subcontractors who are owned and controlled by veterans. This equates to **0%** of total contract value.
  - e) Service-Disabled Veteran-Owned Small Business concerns: **0%** of total planned subcontracting dollars under this contract will go to subcontractors who are owned and controlled by service-disabled veterans. This equates to **0%** of total contract value.

- f) HUBZone Small Business concerns: 0% of total planned subcontracting dollars under this contract will go to subcontractors who located in a HUBZone. This equates to 0% of total contract value.
- 4) The following dollar values correspond to the percentage goals shown in 3 above.
- a) Total dollars planned to be subcontracted to Small Business concerns: **\$57.6M**
- b) Total dollars planned to be subcontracted to Small Disadvantaged Business concerns: **\$29.6M**. This dollar amount is included in the amount shown under 4(a) above as a subset.
- c) Total dollars planned to be subcontracted exclusively to Women-Owned Small Business concerns: **\$12.0M**. This dollar amount is included in the amount shown, under 4(a) above, as a subset.
- d) Total dollars planned to be subcontracted to Veteran-Owned Small Business concerns: \$0.
- e) Total dollars planned to be subcontracted to Service-Disabled Veteran-Owned Small Business concerns: \$0.
- f) Total dollars planned to be subcontracted to HUBZone Small Business concerns: \$0.

	<b>Total Dollars</b>	<b>% of CV</b>	<b>% of Subcontracted Dollars</b>
Contract Value (CV)	\$160,000,000.00		
Total Subcontracted Dollars	\$79,450,000.00		
Small business spending	\$57,600,000.00	36%	73.1%
Small Disadvantaged	\$29,600,000.00	18.5%	37.6%
Woman owned (WO)	\$12,000,000.00	7.5%	15.2-%
Veteran-Owned	\$0	0%	0%
Service-Disabled Veteran-Owned	\$0	0%	0%
HUBZone	\$0	0%	0%

- 5) The following services and products are subcontracted under this Contract:
- a) The following services/products are subcontracted via teaming agreements to small businesses. The Function or Contract Requirement and small business classification(s) are set forth below:

<b>Function/Contract Requirement</b>	<b>Small Business Classification</b>
Propellant Services	SB
Component cleaning and refurbishment of laboratories	WOSB
Managing and administering occupational health programs	SB
Administrative services and information technology support	SDB
Emergency Management	SDB
Computer and engineering services	SDB
Facilities maintenance and vehicle services	SDB

- b) The following other direct cost categories are contemplated to be subcontracted to Small Businesses.



**OTHER DIRECT COSTS**

<b><u>SOW</u></b>	<b><u>ODC ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>METHOD OF SELECTION</u></b>
Various	Supplies & Materials	Supplies and materials required to support all functions, including stock items, non-stock items, government furniture, stock replenishment, and procured bulk chemicals. Also includes charges for off-the-shelf software purchases and licenses of \$25,000 or less.	<\$25K set-asides to Small Business competition. >\$25K open competition.
Various	Facilities Projects	Facility projects for maintenance, repair, rehabilitation and modification of existing facilities, including energy management and conservation, environmental management, maintenance and restoration facilities. Also included are modifications and alterations to contractor systems equipment and facilities, and the fabrication and provision of other services that are within the contractor's capabilities to support requirements of other elements.	<\$3M set-asides to Small Business competition. >\$3M open competition.
Various	Lease/Maint. Misc. Subcontracts		<\$25K set-asides to Small Business competition. >\$25K open competition.
Various	Equipment Acquisition		<\$25K set-asides to Small Business competition. >\$25K open competition.

6) All procurements less than \$25K will be small business set-asides. Construction/re-manufacturing work less than \$3 million will be set-aside for small businesses.

a) As a further breakout to the above, the following products and services are set forth by historical subcontract type:

<u>Products/Services</u>	<u>Subcontract Type</u>
++ Construction Services	FFP
++ Various Vendor Purchases, e.g.:	FFP/BPA
++ Commodities	FFP/BPA
<ul style="list-style-type: none"> <li>• Electrical Components</li> <li>• Construction Materials</li> <li>• Reproduction Equipment and Supplies</li> <li>• General Hardware</li> <li>• Computer Maintenance</li> <li>• Computer Hardware/Software and Supplies</li> <li>• General Office Supplies</li> <li>• Safety and Laboratory Supplies</li> <li>• Automotive and Heavy Equipment Supplies</li> <li>• Specialty Gases</li> <li>• Security and Fire Equipment</li> <li>• Cafeteria Supplies</li> <li>• Janitorial Supplies</li> </ul>	
++ Various Lease/Rentals	FFP
++ Various Maintenance and Service Agreements	FFP/BPA
+++ OEM Mainframe Peripherals and/or Proprietary Software Licenses/Agreements	FFP/BPA
+++ Various GSA/Depot Commodities and Services	FFP
+++ Various Hazardous Waste Disposal Requirements	FFP
+++ Various Heavy/Specialized Equipment OEM Direct Purchases	FFP

#### LEGEND

- + Indicates Subcontracts in Place -- No further Opportunities (Requirements Complete).
- ++ Indicates Some Subcontracts are in Place and Additional Requirements are Expected and yet Undefined.

+++ Indicates Some Subcontracts in Place with Large Businesses, and Additional Requirements are Expected and yet Undefined.

7) The following will be used in developing subcontracting goals:

- a) Historical data - i.e., what products and services we have obtained from Small, Small Disadvantaged, or Women-Owned Small Business etc.
- b) Trade-off analysis for budgetary considerations and estimated Contract value projections to ensure Small, Small Disadvantaged and Women-Owned Small Business requirements are met or exceeded.
- c) Particular attention will be focused on the needs of SGS as it relates to the overall small, small disadvantaged, and women-owned small business goal accomplishments.

8) What source lists will be used and what organizations will be contacted to obtain Small Business, Small Disadvantaged, and Women-Owned Business sources:

- a) SBA's - Procurement Marketing & Access Network (PRO-NET)
- b) SGS - Minority Supplier List, which contains a compilation of vendors from SGS bid lists, Florida Minority Business Directory, PRO-NET, and 8.a. approved lists published by the SBA Regional/District Office.
- c) Directories published by other companies and Government agencies.
- d) Contact with Regional Minority Purchasing Councils.
- e) SGS's Central Industry Assistance Officer.
- f) GSA/DLA Listings
- g) National Industries of the Blind
- h) National Industries for the Severely Handicapped
- i) SGS's indirect and overhead costs have not been included in the goals specified in 1 and 2.

9) The following individual will oversee the SGS Subcontracting Program:

Name: Vicki Lockard  
Title: Director, Contracts  
Address: P.O. Box 21237, SGS 310  
Kennedy Space Center, FL 32815-0237  
Telephone: 321-853-9280

This individual's specific duties, as they relate to the SGS Subcontracting Plan, are to review, monitor, and provide executive guidance, including but not limited to:

Assigning a Small Business Liaison Officer (SBLO)/Industry Assistance Officer, to advise Small Business of pending procurement actions and to provide liaison activities between SGS's Technical representatives, Industry Assistance Officer, SGS's Contracts and Procurement Administrators, management, and the business community.

Ms. Cindi Minter is delegated as the Small Business Liaison Officer (SBLO). Her duties, responsibilities, mailing address and telephone numbers are set forth below:

Name: Cindi Minter  
Title: Small Business Liaison Officer  
Address: P. O. Box 21237, SGS 320  
Kennedy Space Center, FL 32815-0237  
Telephone: 321-867-4377  
Fax: 321-867-3882

Duties:

- (a) Obtaining Small, Small Disadvantaged, and Small/ Women-Owned Business sources from all applicable agencies, such as SBA.
  - (b) Ensuring inclusion of Small Business, Small Disadvantaged Business, and Women-Owned Small Business firms in all solicitations, where appropriate.
  - (c) Attending or arranging for attendance at business opportunity workshops, minority enterprise seminars, trade fairs.
  - (d) Conducting or arranging motivational training for contracts/procurement personnel.
  - (e) Monitoring attainment of proposed goals/requirements.
  - (f) Reviewing solicitations to remove statements, clauses, etc., that may tend to prohibit Small, Small Disadvantaged, and Women-Owned Small Business participation, where appropriate.
  - (g) Maintaining records of Small, Small Disadvantaged, and Women-Owned Small Businesses.
  - (h) Assisting in developing subtier subcontract plans.
  - (i) Acting as liaison to SBA.
  - (j) Coordinating efforts to meet procurement goals/requirements.
- 10) The following minimum efforts will be taken to ensure that Small, Small Disadvantaged, and Women-Owned Small businesses have an equitable opportunity to compete for subcontracts and Purchase Orders:

Outreach efforts will be made, as follows:

- a) Contact with minority and small business trade associations.
- b) Contact with business development organizations.
- c) Attendance at small and minority business procurement conferences and trade fairs.
- d) Visits to supplier plants and correspondence with suppliers to establish qualifications of suppliers.

- e) Working with other on-site prime contractors and to assist (when possible) in coordinating: Small Business workshops or conferences, the purpose of which is to provide insight on how small businesses can become Team Members.

The following internal efforts will be made to guide and encourage SGS contract administrators and procurement personnel:

- a) Workshops, seminars, and training programs will be conducted.
  - b) Activities of individual administrators will be monitored to evaluate compliance with this Subcontracting Plan and Small Business requirements.
  - c) Small, Small Disadvantaged, and Women-Owned Small Business source lists, guides, and other identifying Small Business suppliers will be maintained and used by administrators in soliciting subcontracts.
  - d) All procurements under \$25,000 are reserved exclusively for Small Businesses except when there is no reasonable expectation that offers will be received--from two or more small businesses, which are competitive as to price, delivery, or quality.
  - e) All fixed-price construction contracts between \$2,000 and \$3,000,000 are set-asides for small business.
  - f) Small business set-asides are encouraged when the dollar amount exceeds the amount specified above.
  - g) Women-Owned Small Business set-asides will be used when there is a reasonable chance that two or more Women-Owned Small firms possess the required qualifications to compete.
- 11) SGS agrees that the clause entitled "Utilization of Small Business Concerns Owned and Controlled by Socially and Economically Disadvantaged Individuals" will be included in all subcontracting opportunities, and any subcontract, except Small Business Concerns who receive a subcontract in excess of \$500,000 (\$1,000,000 for construction) will be required to adopt and comply with a Subcontracting Plan similar to this one. Percentage goals shall be determined on a case-by-case basis depending on the supplies/services involved, the availability of potential Small, Small Disadvantaged, and Women-Owned Small subcontractors, and prior experience. Once approved and implemented, plans will be monitored through submission of periodic reports, and/or, as time and availability of funds permit, periodic visits to subcontractors' facilities to review applicable records and Subcontracting Program progress.
- 12) SGS agrees to submit such periodic reports and to cooperate in studies or surveys as may be required by Government or the Small Business Administration in order to determine the extent of compliance with the Subcontracting Plan.
- 13) In addition, SGS agrees that it will submit to the Contracting Officer the contract data requirement documents in accordance with the terms and condition(s) of this contract. Reports will be coordinated/structured to allow for optimum efficiency in reporting. SGS will satisfy all additional requirements for reports, such as advise-o-grams, special studies, one-time requests, and other documentation within funding limitations or budgetary constraints and as approved by the Contracting Officer.

14) SGS agrees that it will maintain at least the following types of records to document compliance with the Subcontracting Plan:

- a) Contract Data Deliverables Documents as required under the terms and conditions of the J-BOSC Contract.
- b) Small, Small Disadvantaged Business, and Women-Owned Small source lists, guides, and other data identifying Small Business, Small Disadvantaged Business, and Women-Owned Small Business vendors.
- c) Organizations contracted for Small/Small Disadvantaged and Women-Owned Small Business sources.
- d) Records to support outreach efforts, i.e., contacts with Minority and Small Business Trade Associations, attendance at Small and Minority Business procurement conferences and trade fairs, and visits to supplier plants.
- e) On a subcontract-by-subcontract basis, records to support award data submitted to the Government, to include subcontractor's name, address, and business size.
- f) To submit Standard Form (SF) 294, Subcontracting Report for Individual Contracts and/or SF-295, Summary Subcontract Report, in accordance with instructions on the form.
- g) To require all subcontractors to submit SF-294 and SF-295, if applicable.
- h) To ensure Small, Small Disadvantaged and Women-Owned Small Businesses are considered in all "make or buy" decisions and to establish a program whereby periodic training is conducted with technical personnel and employees preparing requisitioning documentation.
- i) To submit other data and information as requested by the Contracting Officer or contained within supplements to the data requirements listing of this contract.

Concurrence:

//original signed by//

\_\_\_\_\_  
Victoria Lockard  
Director, SGS Contracts

Date: 4/19/05

Approved:

//original signed by//

\_\_\_\_\_  
William Sample  
President, SGS

Date: 4/22/05

**2.2.2.1 Roads and Grounds.** The contractor shall:

- Perform operations, maintenance, and engineering (O/M/E) on all roads, airfields, parking lots, pavement, and bridges on KSC and CCAFS, including marking and street sweeping;
- Provide engineering to analyze and make recommendations for road rehabilitation contracts. Contractor shall sweep, vacuum, and maintain the concrete SLF and Skid Strip runway and parking aprons, and the SLF tow-way to K6-894 (OM) and K6-848 (VAB) to maintain an environment that is free of foreign object debris (FOD) and ready for Orbiter landing and towing operations;
- Provide annual inspections of all paved roadways to identify areas that require repair following the guidance of the Florida Department of Transportation Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Green Book, May 2002); and
- Provide the annual inspection results, within 30 working days following the annual inspection, to the CCSMO.
- The contractor shall provide roads maintenance at KSC, CCAFS, and the Florida Annexes following the guidance in paragraph 10 of the Florida Department of Transportation Green Book. This shall include inspection and maintenance of pavement and shoulders, with particular emphasis on maintaining shoulders flush with the pavement, and debris removal from the pavement, shoulders, and roadside clear zones. The contractor shall provide operator coverage 24 hrs per day, 7 days a week for the NASA Causeway (Indian River) and Haulover Canal drawbridges and shall operate the NASA Causeway (Banana River) drawbridge and Jay-Jay Railroad Bridge on an on-call basis. Roads maintenance areas of responsibility for KSC and CCAFS are listed in Technical Exhibit 2.2.2.1-01. The contractor shall be responsible for all areas of Florida Annexes.

The contractor shall provide grounds and landscape maintenance for KSC, CCAFS, and the Florida Annexes as listed in Technical Exhibits 5.5-826, 7.0-016, and 2.2.2.3A. Contractor responsibilities shall include: grass mowing, edging or trimming; eliminating weeds; applying fertilizer; maintaining the landscaping; cleaning up debris; watering; and maintaining the watering system. Maintenance of high visibility landscaped areas shall be done at least four times a year in the following areas: KSC HQ building, SSPF, O&C, CIF, BOB, M6-336, OSB1, E&O, and two times a year in the following areas: VAB Press Site, PCC, M6-493, OHF, K6-1547. Other landscape areas to include tree trimming as specified in Technical Exhibits 5.5-826, 7.0-016, and 2.2.2.3A are expected to be done at least once a year. (Mod 269) **(Mod 293)**

The contractor shall operate and maintain Government Furnished Equipment (GFE) provided for Roads and Grounds support and listed under the NASA Equipment Management System database. Operators shall be properly licensed and equipment shall be maintained in safe and reliable condition.

The contractor shall maintain a vegetation height of nine (9) inches or less on areas on either side of the KSC railroad tracks at three locations. The vegetation adjacent to the tracks to 25 feet away is maintained by another party and is not the responsibility of the contractor. The areas are generally of a rectangular shape on both sides of the tracks as follows:

**Roberts Road Area** – Located just east of KSC Gate 2C. The length of the rectangles from “blue sign to blue sign” is 800 feet on both sides of the tracks. The width of the rectangles

begins at 25 feet from the track centerline and extends to 125 feet away from the track centerline on either side.

**Suspect Siding Area** – Located southeast of KSC Gate 4 on State Road 3. The length of the rectangles is from the far west end of the railroad spur for a distance of 800 feet to the east on both sides of the tracks. The width of the rectangle begins at 25 feet from the track centerline to 145 feet away from the track centerline on either side.

**RPSF Area** – Located about 525 feet east from the southeast corner of the RPSF facility. The length of the rectangles is from 525 feet east from the southeast corner of the RPSF fence for a distance of 800 feet to the east along the length of the track on either side. The width of the rectangles begins at 25 feet from the track centerline to 50 feet away from the track centerline on either side.

The contractor shall maintain a designated Memorial Tree Planting Area east of the Headquarters Building. Preferred trees to be used in the Memorial Tree Planting Area are Live Oak, Cherry Laurel and Magnolia. This task includes pruning trees, shrubs, and hedges and removing the cuttings, replacing grass sod, and removing stumps and dead plants. The contractor shall maintain grass, shrubs, and trees in a healthy green color.

The contractor shall maintain existing “cleared” Lines of Sight (LOS), fence lines and utility corridors in conformance with Technical Exhibit 5.5-827. Contractor is expected to maintain approximately 250 acres of LOS and 450 acres of utility corridors under this contract. LOD includes Range, Public Affairs (VIP/press site views) and navigational Aid Range Markers. The contractor shall also provide initial clearing of LOS, fence lines and utility corridors as Type 3C projects. **(Mod 293)**

**2.2.2.2 Pest Control.** The contractor shall provide pest control services associated to structures, on a trouble call basis, for KSC, CCAFS, and the Florida Annexes facilities listed in the O/M/E/U Matrix where contractor maintenance responsibilities include structures. The contractor shall develop and implement a pest control program. All buildings, facilities, and outside work areas shall be inspected and sprayed at a frequency necessary to prevent damage to structures and control pests that may affect health and morale. The contractor shall provide monthly inspections and treatment, as needed, to all food preparation and service areas of KSC and CCAFS. Food preparation and service areas include the ITL Warehouse cafeteria, E&L Shoppette, Cape Main Cafeteria, and Green House Navy Cafeteria at CCAFS. For KSC food preparation and service areas, included are areas located at O&C, SSPF, HQ, CIF, ARF, MFF, OSB, LCC, Conference Center, Lackmann Warehouse, and USA Logistics.



**NAS10-99001**

**JOINT BASE OPERATIONS AND SUPPORT**

**CONTRACT**

**ATTACHMENT J-5**

**TECHNICAL EXHIBITS**

## TECHNICAL EXHIBIT LISTING

WBS	Document Number	Rev. Date	Document Name	Mod Number
1.1.1.3	J-BOSC Tech Exhibit 5.1-501	10/97	Customer Support Function	205
2.1.1.1	J-BOSC Tech Exhibit 2.1.1.1-001	12/00	NASA Real Property	205
2.1.1.1	J-BOSC Tech Exhibit 2.1.1.1-002	12/00	AF Real Property	205
2.1.2.3.1	J-BOSC Tech Exhibit 2.1.2-001	12/03	Vessel/Systems	205
2.1.2.3.4	J-BOSC Tech Exhibit 2.1.2-002	12/03	Renewal Packages for DOT Exceptions	205
2.1.3.2	J-BOSC Tech Exhibit 2.1.3-001	04/03	KSC Cof F Project Baseline, WBS 2.1.3	205
2.1.4.3	J-BOSC Tech Exhibit 2.1.4-01	08/02	Energy Management Office Periodic Report Requirements	205
2.2.1.1	J-BOSC Tech Exhibit 2.2-017	05/05	On Line Operation Maintenance Engineering User Matrix (OMEU)	286
2.2.1.3	J-BOSC Tech Exhibit 2.2.1.3-001	05/04	Type III Work Orders	217
2.2.1.7	J-BOSC Tech Exhibit 2.2.1.7-01	12/03	KSC Ditch Cleaning	205
2.2.1.8	J-BOSC Tech Exhibit 2.2.1.8	12/03	Pad A&B Slide Wire Area Support Standards	205
2.2.1.19	J-BOSC Tech Exhibit 5.5-801	02/97	Clean Room Services	205
2.2.1.19	J-BOSC Tech Exhibit 5.5-802	09/96	Clean Room Description - NASA	205
2.2.2	J-BOSC Tech Exhibit 2.2.2.3A	12/04	Florida Annexes Refuse Collection Sites and Frequencies	269
2.2.2	J-BOSC Tech Exhibit 2.2.2.3B	12/04	CCAFS Refuse Collection Sites and Frequencies	269
2.2.2	J-BOSC Tech Exhibit 2.2.2.3C	12/04	KSC Refuse Collection Sites and Frequencies	269
2.2.2.1	J-BOSC Tech Exhibit 5.5-826	10/97	CCAFS Grounds Areas Map and Requirements	205
2.2.2.1	J-BOSC Tech Exhibit 7.0-016	10/97	KSC Grounds Maintenance	232
2.2.2.1	J-BOSC Tech Exhibit 5.5-827	12/03	CCAFS Specific Grounds Maintenance Requirements	293
2.2.2.1	J-BOSC Tech Exhibit 2.2.2.1-01	12/03	Road Maintenance Areas of Responsibility for KSC and CCAFS	205
2.2.2.2	J-BOSC Tech Exhibit 2.2.2.2-01	12/03	Air Force Pest Management Plan	205
2.2.4	J-BOSC Tech Exhibit 2.2.4	12/03	Custodial Services	205
2.3	J-BOSC Tech Exhibit 2.3-01	06/04	Completed-One-Time Special Projects for Customers	232
2.3	J-BOSC Tech Exhibit 2.3-02	04/05	Security Support for New Horizon Mission	280
2.3	J-BOSC Tech Exhibit 2.3-03	01/05	Health Physics Services Support for New Horizon Mission	280
2.3	J-BOSC Tech Exhibit 7.0-127	05/02	CCAFS Water Backflow Prevention Devices	205
3.1.1.15	J-BOSC Tech Exhibit 3.1.1.15-01	09/03	Technical Rescue for Heritage Program	232
3.1.2	J-BOSC Tech Exhibit 3.1.2-01	7/03	KSC Realignment of Security Posture for FY04-08	239
3.1.2	J-BOSC Tech Exhibit 3.1.2-02	7/03	45SW/ CCAFS Realignment of Security Posture FY04-FY08	239
3.1.2	J-BOSC Tech Exhibit 3.1.2-03	7/03	Baseline Realignment Security Posture Table FY04-08	239

## TECHNICAL EXHIBIT LISTING

WBS	Document Number	Rev. Date	Document Name	Mod Number
3.1.2.9	J-BOSC Tech Exhibit 7.0-007	11/03	NASA Computer Systems, Application and Database (TRAC Application)	205
3.2.1	J-BOSC Tech Exhibit 7.0-001	08/04	NASA Supply Customer Support Matrix	232
3.2.1.2	J-BOSC Tech Exhibit 7.0-007	11/03	NASA Computer Systems, Application and Database (KSC Records Management System (IM03))	205
3.2.2	J-BOSC Tech Exhibit 7.0-005	10/97	NASA Transportation Customer Support Matrix	205
3.2.3.2	J-BOSC Tech Exhibit 7.0-113	10/03	Precision Measurement Equipment Laboratory (PMEL)	232
3.2.4	J-BOSC Tech Exhibit 7.0-021	10/97	Types of Propellants	205
3.2.4	J-BOSC Tech Exhibit 3.2.4-01	03-05	Self Contained Atmospheric Protective Ensemble (SCAPE) Suits	279
3.3	J-BOSC Tech Exhibit 7.0-007	11/03	NASA Computer Systems, Application and Database	205
3.3.1.1	J-BOSC Tech Exhibit 2.1.1-01	12/99	NASA/KSC Informational Technology/Geographical Information System/Application Development	205
3.4.1.4	J-BOSC Tech Exhibit 3-3.4.1.4-01	9/03	Support to All ELV Missions and the NASA Portal Web Site	208
3.4.4	J-BOSC Tech Exhibit 7.0-074	08/02	KSC Area Access Familiarization Video Training Provided to USAF	205
3.4.4	J-BOSC Tech Exhibit 7.0-075	08/02	KSC Monthly Workload Indicator – Technical Training Courses	205
3.4.4	J-BOSC Tech Exhibit 7.0-076	08/02	Training Workload Indicators for CCAFS/PAFB	205
3.5	J-BOSC Tech Exhibit 5.5-362	10/97	Storm Water Permit	205
3.5.1	J-BOSC Tech Exhibit 7.0-036	09/97	Memorandums of Understanding	205
3.5.2	J-BOSC Tech Exhibit 7.0-039	02/03	NRC Materials License for KSC and CCAFS	205

**3.1.2.4 Law Enforcement.** The contract security police force as a whole, shall provide Law Enforcement (LE) in support of institutional and user requirements and develop operating and post instructions and procedures to support the function. Contractor responsibilities shall be to protect human life, government assets, high-value property, and conduct motor vehicle traffic management enforcement.

KSC Brevard County Sheriff Office (BCSO) Special Deputies shall be selected by an Advisory Selection Group (ASG). The ASG will consist of one member from the BCSO, and one member from KSC Protective Services and Safeguards Office (PS & SO). The contract service provider security Chief of Police shall provide nominee packages to the ASG. The ASG will refer qualified candidates through the Chief of the PSSO for final approval and submission to the Brevard County Sheriff. KSC special deputies shall serve for a one-year period, predicated on work performance. Prior to the end of the one-year selection period the ASG will reconfirm special deputies for additional one-year periods. If a special deputy is not reselected they shall be considered for non-special deputy duties within the contractor workforce. (Mod 232) **(Mod 293)**

Additionally, the contractor shall from among its security police workforce provide a cadre of contractor security officers appointed as Brevard County Sheriff Office (BCSO) Special Deputies (as allocated by the Sheriff and partnered with KSC Protective Service Office) to provide KSC local and State Law enforcement services. These services are in addition to their primary duties as contractor security officers. The contractor should request sufficient BCSO Special Deputies to support a minimum of two KSC Emergency Response Team officers on each shift and all investigators shall be BCSO Special Deputies.

DATA REQUIREMENTS LIST		
DRL NUMBER:		REVISION (MOD 293)
PROJECT/SYSTEM Joint Base Operations and Support Contract		
CONTRACT NUMBER NAS 10-99001		PREPARATION DATE 17 February 2004
CONTRACTOR Space Gateway Support		TECHNICAL APPROVAL
ATTACHMENT NUMBER Section J, Attachment J-2		EXHIBIT NUMBER
ITEM NO.	TITLE	CHANGE STATUS
1.1-01	Report, Equal Employment Opportunity	
1.1-03	Report, Contract Performance (Metrics)	
1.1-04 Rev A	Report, Anomaly	Revised MOD 205
1.1-06	Report, Automated Data Extract	
1.1-07	Report and Review, Prime & Subcontractor Contract Value Status	Renumbered as 1..3-13 Mod 205
1.1-08	Report and Review, Direct & Indirect Rates Review	Renumbered as 1..3-14 Mod 205
1.1-11	Report and Review, Replacement of Government Furnished Property	Revised MOD 293
1.1-12	Report and Review, Workload Indicators, Work Backlogs and Deferred Work	MOD 135
1.1-13	Report, Advance Notification of Workforce Reductions	MOD 170
1.3-01	Report, Weekly Job Ordered Costs	
1.3-02	Report, Geographic Economic Impact	
1.3-03 Rev C	Reports, Contractor Financial Management Analysis, 533M	Revised MOD 205
1.3-04 Rev A	Report, Cost Pool/JOSA Analysis	Revised MOD 205
1.3-05 Rev B	Report, Estimate at Complete (EAC)	Revised MOD 205
1.3-06	Deleted	MOD 145
1.3-07 Rev A	Report, Contractor Commitment Cost Data	Revised MOD 205
1.3-08 Rev A	Report, Launch Scrub Costs	Revised MOD 205
1.3-09 Rev A	Catalog, Contract Services with Estimated Costs	
1.3-10	Job Order Estimate	Added MOD 205
1.3-11	Report, Reconciliation of Incurred Costs to Reported Costs	Added MOD 205
1.3-12	Monthly Analysis of Actual Planned Cost	Added MOD 205
1.3-13 Rev A	Report & Review, Prime & Subcontractor Contract Value (CR) Status	Replaces 1.1-07 MOD 205
1.3-14	Report and Review, Direct and Indirect Rates	Replaces 1.1-08 MOD 205
2.2-01	Report, Facilities, Systems, and Equipment Operations/Maintenance/Engineering/User Matrix	
2.2-04	Five Year Facility Maintenance and Facility Project Plans	MOD 160
2.2-05	Backlog of Maintenance and Repair (BMAR)	MOD 160
2.2-06	Facility Maintenance Execution Summary	MOD 160
2.2-07	Facility and System Availability	MOD 160
2.2-08	Type 3C Project and Work Status Report	Added MOD 205
2.2-09	Type 3C Work Order Status Report	Revised MOD 244
2.2-10	Type 3I Work Order Status Report	Added MOD 205
2.2-11	Cathodic Protection Report	Added MOD 205
3.2.4-01	Reports, Propellant Analysis	
3.3-01	Plan, IT Investment and Purchase	Revised MOD 244
3.4.1-01	Reports, 1. Office Copier Justification to Install, Move or Upgrade & 4-Months Detail to Invoice Summary Sheets	MOD 58

**DATA REQUIREMENT**

<b>CONTRACT APPLICATION INFORMATION FOR DRL __ MOD 293_____</b>					<b>A. ITEM NO.</b> 1.1-11	
<b>B. LINE ITEM TITLE:</b> WBS 1.1, Management and Control						
<b>C. OPR.</b>  CCSMO	<b>D. TYPE</b>  3	<b>E. INSPECT/ ACCEPT</b>  6	<b>F. FREQ.</b>  SA	<b>G. INITIAL SUB.</b>  31 Oct 02	<b>H. AS OF DATE</b>  180/30	
<b>J. REMARKS:</b> Negotiated as a consideration in the Contract Baseline modification. Reports and reviews shall be submitted/conducted semi-annually. Data shall be submitted no later than 31 Oct and 30 Apr each fiscal. Reviews shall be conducted within 2 weeks of data submittal. Type "D" electronic versions shall be compatible with Microsoft Office.						
<b>K. DISTRIBUTION</b>					<b>TOTALS</b>	
					<b>NO.</b>	<b>TYPE</b>
CCSMO Business Office (1D), Integration Office (1D), and Contracting Office (1D)					4	D
TA-E1 Property Specialist (1D)						
<b>DATA REQUIREMENT DESCRIPTION</b>						
<b>1. TITLE</b> <b>Report and Review, Replacement of Government Furnished Property</b>					<b>2. NUMBER</b> 1.1-11	
<b>3. USE</b> To assess contractor's progress in systematically phasing out Government-furnished property during the contract base and option periods. To identify and assess any risks in utilization of property beyond its reasonable life. To gain insight into the condition of Government-furnished property.					<b>4. DATE</b> 08-01-2002	
					<b>5. ORGANIZATION</b> CCSMO	
<b>7. INTERRELATIONSHIP</b>					<b>6. REFERENCES</b>	
<b>8. PREPARATION INFORMATION</b> Provide a summary report based on item 4 data and develop a replacement schedule for future years. This information shall be sufficient to support approvals required by Article H-9, paragraph D.  Data shall include but not be limited to, the following data: <ol style="list-style-type: none"> <li>Total cumulative GFE tagged equipment value and number of line items by fiscal year (NEMS data) as of September 30 (for the Oct 31 submission) or March 31 (for the April 30 submission).</li> <li>Total contractor acquired capitalized equipment value and number of line items by fiscal year.</li> <li>Total contractor acquired non-capitalized equipment value and number of line items by fiscal year.</li> <li>Listings of J-BOSC most significant equipment requirements by major functional area, as well as a consolidated overall J-BOSC listing. Listings for each equipment item to include: priority, WBS, Customer, nomenclature, condition of item to be replaced, cost of replacement, risk of not replacing, status of replacement action, CFE or GFE, needed replacement date, work around until replaced.</li> <li>Line item inventory of capital equipment purchased since contract start to include: item descriptor, in service date, purchase price, depreciation method, useful life, WBS, fund source, age, current year depreciation, accumulated depreciation, net book value.</li> <li>Line item inventory of GSA vehicles utilized to include: vehicle type, year, model, J-BOSC organization utilizing.</li> <li>Line item inventory of non-capital equipment purchased during the current fiscal year to include: acquisition date, cost, item nomenclature, manufacturer, federal stock class.</li> <li>Listing of equipment items leased or rented during the current fiscal year to include: equipment type, period of lease or rent, annual cost.</li> </ol>						
KSC FORM 16-246 (REV. 1/82) COMPUTER GENERATED						